

APPLICATION NO.
10/530,606

371(c) Date:
February 21, 2006

CONFIRMATION NO.
9912

**GROUP
1645**

VITAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

September 11, 2006

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/RS/ AY4

Bals, *et al.*, "Transfer of a Cathelicidin Peptide Antibiotic Gene Restores Bacterial Killing In a Cystic Fibrosis Xenograft Model," *J. Clin. Invest.*, 103(8):1113-1117, (1999).

EXAMINER

/Rodney Swartz/

DATE CONSIDERED

03/27/2007

PTO-1449 REPRODUCED SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION August 23, 2005 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3612.1001-000		APPLICATION NO. 10/530,606	
	FIRST NAMED INVENTOR Hans Boman		PCT FILING DATE 10 October 2003	
	EXAMINER Swartz		CONFIRMATION NO.	GROUP 1645

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
/RS/	AD	US 2002/0072495 A1	06-13-2002	Chertov <i>et al.</i>
	AE			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/RS/	AR2	Agerberth, <i>et al.</i> , "The Human Antimicrobial and Chemotactic Peptides LL-37 and α -Defensins are Expressed by Specific Lymphocyte and Monocyte Populations," <i>Blood</i> , 96(9):3086-3093 (November 1, 2000).
/RS/	AS2	Bals, <i>et al.</i> , "Augmentation of Innate Host Defense by Expression of a Cathelicidin Antimicrobial Peptide," <i>Infection and Immunity</i> , (67)11:6084-6089 (November 1999).
/RS/	AT2	Bals, R., "Epithelial Antimicrobial Peptides in Host Defense Against Infection," <i>Respiratory Research</i> , 1(3):141-150 (2000).
/RS/	AU2	Baranova, <i>et al.</i> , "Alkaline Phosphatase Activity in Neutrophils From Patients With Severe Congenital Neutropenia (Kostmann's Syndrome)," <i>International Journal of Hematology</i> , 70:236-240 (1999).
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/RS/	AW2	Borregaard N. and Cowland J.B., "Granules of the Human Neutrophilic Polymorphonuclear Leukocyte," <i>Blood</i> , 89(10):3503-3521 (May 15, 1997).
/RS/	AX2	Bülow, <i>et al.</i> , "Sorting of Neutrophil-Specific Granule Protein Human Cathelicidin, hCAP-18, When Constitutively Expressed in Myeloid Cells," <i>Journal of Leukocyte Biology</i> , 72:147-153 (July 2002).
/RS/	AY2	Carlsson, G. and Fasth, A., "Infantile Genetic Agranulocytosis, Morbus Kostmann: Presentation of Six Cases From the Original "Kostmann Family" and a Review," <i>Acta. Pediatr.</i> , 90:757-764 (2001).
/RS/	AZ2	Dale, <i>et al.</i> , "Localized Antimicrobial Peptide Expression in Human Gingiva," <i>Journal of Periodontal Research</i> , 36:285-294 (2001).
/RS/	AR3	Defraia, E. and Marinelli, A., "Oral Manifestations of Congenital Neutropenia or Kostmann Syndrome," <i>The Journal of Clinical Pediatric Dentistry</i> , 26(1): 99-102 (2001).

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/RS/	AS3	Roester, <i>et al.</i> , "In Vitro Functions of Neutrophils Induced by Treatment With rhG-CSF in Severe Congenital Neutropenia," <i>Eur. J. Haematol.</i> , 46:112-118 (1991).
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/RS/	AU3	Gudmundsson, <i>et al.</i> , "Structure of The Gene for Porcine Peptide Antibiotic PR-39, A Cathelin Gene Family Member: Comparative Mapping of The Locus for The Human Peptide Antibiotic FALL-39," <i>Proc. Natl. Acad. Sci., USA</i> , 92:7085-7089 (July 1995).
/RS/	AV3	Gudmundsson, <i>et al.</i> , "The Human Gene FALL39 and Processing of The Cathelin Precursor to The Antibacterial Peptide LL-37 in Granulocytes," <i>Eur. J. Biochem.</i> , 238:325-332 (1996).
/RS/	AW3	Guthmiller, <i>et al.</i> , "Susceptibilities of Oral Bacteria and Yeast to Mammalian Cathelicidins," <i>Antimicrobial Agents and Chemotherapy</i> , 45(11):3216-3219 (November 2001).
/RS/	AX3	Huttner, K.M. and Bevins, C.L., "Antimicrobial Peptides as Mediators of Epithelial Host Defense," <i>Pediatric Research</i> , 45(6):785-794 1999).
/RS/	AY3	Nagaoka, <i>et al.</i> , "Synergistic Actions of Antibacterial Neutrophil Defensins and Cathelicidins," <i>Inflammation Research</i> , 49:73-79 (2000).
/RS/	AZ3	Slots, J., "Actinobacillus Actinomycetemcomitans and Porphyromonas Gingivalis in Periodontal Disease: Introduction," <i>Periodontology</i> 2000, 20:7-13 (1999).
/RS/	AR4	Sørensen, <i>et al.</i> , "An ELISA for hCAP-18, The Cathelicidin Present in Human Neutrophils and Plasma," <i>Journal of Immunological Methods</i> , 206:53-59 (1997).
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/RS/	AT4	Tanaka, <i>et al.</i> , "Sensitivity of Actinobacillus Actinomycetemcomitans and Capnocytophaga spp. to The Bactericidal Action of LL-37: A Cathelicidin Found in Human Leukocytes and Epithelium," <i>Oral Microbiology and Immunology</i> , 15:226-231 (2000).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/RS/	AU4	Turner, <i>et al.</i> , "Activities of LL-37, a Cathelin-Associated Antimicrobial Peptide of Human Neutrophils," <i>Antimicrobial Agents and Chemotherapy</i> , 42(9):2206-2214 (September 1998).
/RS/	AV4	Van Dyke, T.E. and Vaikuntam, J., "Neutrophil Function and Dysfunction in Periodontal Disease," <i>Current Opinion in Periodontology</i> , pp. 19-27 (1994).
/RS/	AW4	van Winkelhoff, <i>et al.</i> , "Microbiology of Destructive Periodontal Disease in Adolescent Patients With Congenital Neutropenia," <i>Journal of Clinical Periodontology</i> , 27:793-798 (2000).
/RS/	AX4	Zasloff, M., "Antimicrobial Peptides of Multicellular Organisms," <i>Nature</i> , 415:389-395 (January 24, 2002).

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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION April 7, 2005 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3612.1001-000	APPLICATION NO. 10/530606	
	FIRST NAMED INVENTOR Hans Boman		FILING DATE
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U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
/RS/	AA	US 2003/0175755 A1	09-18-2003	Abiko <i>et al.</i>
/RS/	AB	5,972,594	10-26-1999	Heine, Robert Phillips
/RS/	AC	6,159,936	12-12-2000	Lehrer <i>et al.</i>
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION April 7, 2005 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3612.1001-000	APPLICATION NO. 107530606	
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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
/RS/	AL	WO 02/060468 A2	08-08-2002	University of Iowa Research Foundation		
	AM	WO 99/11663	03-11-1999	Genser		X
/RS/	AN	WO 99/13080	03-18-1999	Zymogenetics, Inc.		
	AO	DE 100 28 723 A1	12-13-2001	Bux, Jergen, Dr.		X
	AP	JP 2001 288105	10-16-2001	Yoshitomo et al.		X
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/RS/	AR	Gombart, <i>et al.</i> , "Neutrophil-Specific Granule Deficiency: Homozygous Recessive Inheritance of a Frameshift Mutation in the Gene Encoding...", <i>Blood</i> , 97(9):2561-2567 (May 1, 2001).
/RS/	AS	Weinberg, <i>et al.</i> , "Epithelial Antimicrobial Peptides: Review and Significance for Oral Applications", <i>Critical Reviews in Oral Biology and Medicine</i> , 9(4):399-414 (November 11, 1998).
/RS/	AT	Nizet, <i>et al.</i> , "Innate Antimicrobial Peptide Protects the Skin from Invasive Bacterial Infection", <i>Nature</i> , 414:454-457 (November 22, 2001).
/RS/	AU	Zetterström, R., "Kostmann Disease - Infantile Genetic Agranulocytosis: Historical Views and New Aspects", <i>Acta Paediatrica</i> , 91(12):1279-1281 (1992).
/RS/	AV	Pütsep, <i>et al.</i> , "Deficiency of Antibacterial Peptides in Patients with Morbus Kostmann: An Observation Study", <i>The Lancet</i> , 360(9340):1144-1149 (October 12, 2002).
/RS/	AW	Ong, <i>et al.</i> , "Endogenous Antimicrobial Peptides and Skin Infections in Atopic Dermatitis", <i>N. Engl. J. Med.</i> , 347(15):1151-1160 (October 10, 2002).
/RS/	AX	Jurevic, <i>et al.</i> , "Single-Nucleotide Polymorphisms and Haplotype Analysis in β -Defensin Genes in Different Ethnic Populations", <i>Genetic Testing</i> , 6(4):261-269 (2002).
/RS/	AV	Lehrer, R. I. and Ganz, T., "Cathelicidins: A Family of Endogenous Antimicrobial Peptides", <i>Current Opinion in Hematology</i> , 9(1): 18-22 (January 2002).
/RS/	AZ	Levy, O., "Antimicrobial Proteins and Peptides of Blood: Templates for Novel Antimicrobial Agents", <i>Blood</i> , 96(8):2664-2672 (October 15, 2000).
	AR2	
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